

ABSTRACT OF THE DISCLOSURE

An embodiment of a phase change TIM of this invention comprises a polyester matrix with melting temperature near or below operating temperature (typically less than about 130°C), thermally conductive filler with bulk thermal conductivity greater than about 50 W/mK, and optionally other additives.

The polyester resin has improved thermo-oxidative stability compared to the polyolefin resins, thereby providing improved reliability performance during test.